



January 10, 2019

Sent via Electronic Mail

Director, Emergency and Remedial Response Division
Attn: Chief, New Jersey Remediation Branch, Pohatcong Site
United States Environmental Protection Agency Region 2
290 Broadway, 19th Floor
New York, New York 10007

New Jersey Superfund Branch
Office of Regional Counsel
United States Environmental Protection Agency Region 2
290 Broadway, 17th Floor
New York, New York 10007
Attention: Attorney for Pohatcong Site

New Jersey Department of Environmental Protection
ATTN.: Fred Mumford
380 Scotch Road
West Trenton, New Jersey 08628
(via *electronic mail only*)

**Re: Monthly Progress Report No. 46
Reporting Period December 1, 2018 to December 31, 2018
2014 Vapor Intrusion Removal Action at the Washington Facility
Pohatcong Valley Groundwater Contamination Superfund Site
Warren County, New Jersey**

Dear Pohatcong Consent Decree Notice Recipients:

On behalf of Pechiney Plastics Packaging, Inc. (PPPI), the Primary Settling Defendant for the Remedial Design/Remedial Action Consent Decree (CD)¹, Ramboll US Corporation (Ramboll) submits this monthly progress report in compliance with Section X, Paragraph 30 of the CD and Appendix B-3 to the CD, Statement of Work for the 2014 Vapor Intrusion Removal Action at the Washington Facility (2014 VI Removal Action SOW) at the Pohatcong Valley Groundwater Contamination Superfund (PVGCS) Site. This report provides a description of the actions and

¹ In the matter of United States of America v. PPPI (Civil Action No. 09-cv-05692) and United States of America v. Bristol Myers Squibb Company, et. al. (Civil Action No. 14-cv-05798) effective March 11, 2015.

activities undertaken pursuant to the CD and related to the 2014 VI Removal Action SOW during this reporting period and plans, actions and data scheduled in the next 8 weeks.

Actions Taken toward Compliance with Consent Decree, including Community Relations

The following activities were performed during this reporting period:

- The long-term soil vapor extraction (SVE) system and east wall sub-slab depressurization system (SSDS) continued operation during this reporting period. The SVE system is currently operating at an overall vacuum of 7 inches Hg with an average inlet flow rate of approximately 440 cubic feet per minute (CFM).
- During this period the 500 CFM SVE system operated 100% of the time (i.e., a total of 744 hours over 31 days) and the east wall SSDS operated 100% of the time.
- The Monthly Progress Report No. 45 for the VI Removal Action at the Washington facility reporting November 2018 activities was submitted to the USEPA in a letter dated December 10, 2018.
- Ramboll collected sub-slab vapor monitoring port vacuum and photoionization detector (PID) measurements on December 20, 2018. These measurements and the SVE blower runtime for the December 2018 reporting period are included in the summary table in Attachment 1. The locations of the SSDS wells and vapor monitoring points are provided in Attachment 2.

Routine OM&M Events:

The following routine OM&M events were conducted during this reporting period:

- None during this period.

Problems Encountered, Actions Taken and Their Resolutions

The following problems were encountered during this reporting period:

- None during this period.

Analytical Results and Data Received During the Reporting Period

The following analytical data were received during this reporting period:

- None during this period.

Anticipated Plans, Actions and Data Scheduled (during the Next 8 weeks)

The following activities are planned for the next eight weeks:

- One round of measurements of the SVE system and SSDS is planned to be performed in January 2019.

Delays Encountered or Anticipated, and Efforts Taken to Mitigate

The following delays were encountered during this reporting period:

- None during this period.

Closing

If you have any questions or comments regarding this monthly progress report, please feel free to contact me.

Sincerely,

Luis Hidalgo

Luis Hidalgo
Project Coordinator

Attachments:

- (1) SVE/SSDS Measurements, December 20, 2018
- (2) Locations of SVE Wells, SSDS Extraction Wells, and Vapor Monitoring Points

cc:

Via Electronic Mail
Michelle Granger – USEPA, Region 2
Dave Cline – Rio Tinto
Jeff Armington – Rio Tinto
Bruce White – Barnes & Thornburg LLP
Bruce Kennington – Ramboll

ATTACHMENT 1

SVE/SSDS Measurements

December 20, 2018

SVE/SSDS Measurements, December 20, 2018
Vapor Intrusion Response Activities
Alb a Americas, Washington Facility
191 Route 31 North, Washington, Warren County, New Jersey

Sub Slab Measurement Location	PID (ppm)	Vacuum (inches of water)
¹ CDM-SS-01	---	---
CDM-SS-02N	3.414	-0.006
CDM-SS-02S	3.337	-0.030
¹ CDM-SS-03	---	---
CDM-SS-04	0.000	-0.011
CDM-SS-05	0.000	-0.123
CDM-SS-06	0.000	-0.030
¹ CDM-SS-07	---	---
¹ CDM-SS-08	---	---
¹ CDM-SS-09	---	---
CDM-SS-10	1.060	-0.008
EPA-SS-11	1.631	-0.002
¹ EPA-SS-12	---	---
EPA-SS-13	0.675	-0.001
EPA-SS-14	0.141	-2.062
EPA-SS-15	0.755	-0.001
¹ EPA-SS-16	---	---
EPA-SS-17	0.080	-0.050
EPA-SS-18	0.120	-0.005
EPA-SS-19	0.182	-0.001
EPA-SS-20	0.135	-0.015
EPA-SS-21	3.069	-0.131
EPA-SS-22	4.136	-1.000
EPA-SS-23	6.564	-0.001
¹ EPA-SS-24	---	---
EPA-SS-25	2.962	-0.024
¹ EPA-SS-26	---	---
EPA-SS-27	7.020	-0.002
¹ EPA-SS-28	---	---
EPA-SS-29	0.035	-0.274
EPA-SS-30	2.600	-0.016
¹ EPA-SS-31	---	---
EPA-SS-32	2.968	-0.001
VP-2	5.010	-0.044
VP-3	5.500	-0.002
¹ VP-7	---	---
VP-10	0.020	-0.001
VP-11	0.075	-0.007
VP-12	0.010	-0.100
VP-13	0.060	-0.001
¹ VP-14	---	---
¹ VP-15	---	---
¹ VP-16	---	---

SVE/SSDS Measurement Location	PID (ppm)	Vacuum (inches of water)
SSDS-01	0.200	-35
SSDS-02	2.200	-38
SSDS-03	3.650	-10
SSDS-04	3.715	-40
SSDS-05	2.300	-4
² SSDS-06	---	---
² SSDS-07	---	---
² SSDS-08	---	---
² SSDS-09	---	---
² SSDS-10	---	---
SVE-1	2.868	-72
SVE-2	3.421	-70
SVE-3	2.445	-80
¹ SVE-4	---	---
¹ SVE-5	---	---
SVE-6	1.378	-85
SVE-7	4.872	-80
¹ SVE-8	---	---
SVE-9	4.173	-70
SVE-10	3.347	-75
¹ SVE-11	---	---
SVE-12	4.800	-72
SVE-13P	5.314	-70
SVE-14P	1.333	-68
SVE-15P	2.923	-25
SVE-16P	1.000	-40

Vapor Phase GAC Measurements	
Location	PID (ppm)
VGAC1 IN	3.500
VGAC1 OUT	0.320
VGAC2 OUT	0.125

Summary of SVE Blower Runtime for Reporting Period	
Hour Meter at end of Previous Reporting Period (Hours)	37,685
Hour Meter at end of Current Period (12/31/2018) (Hours)	38,429
Total SVE Blower Runtime for Reporting Period (Hours)	744

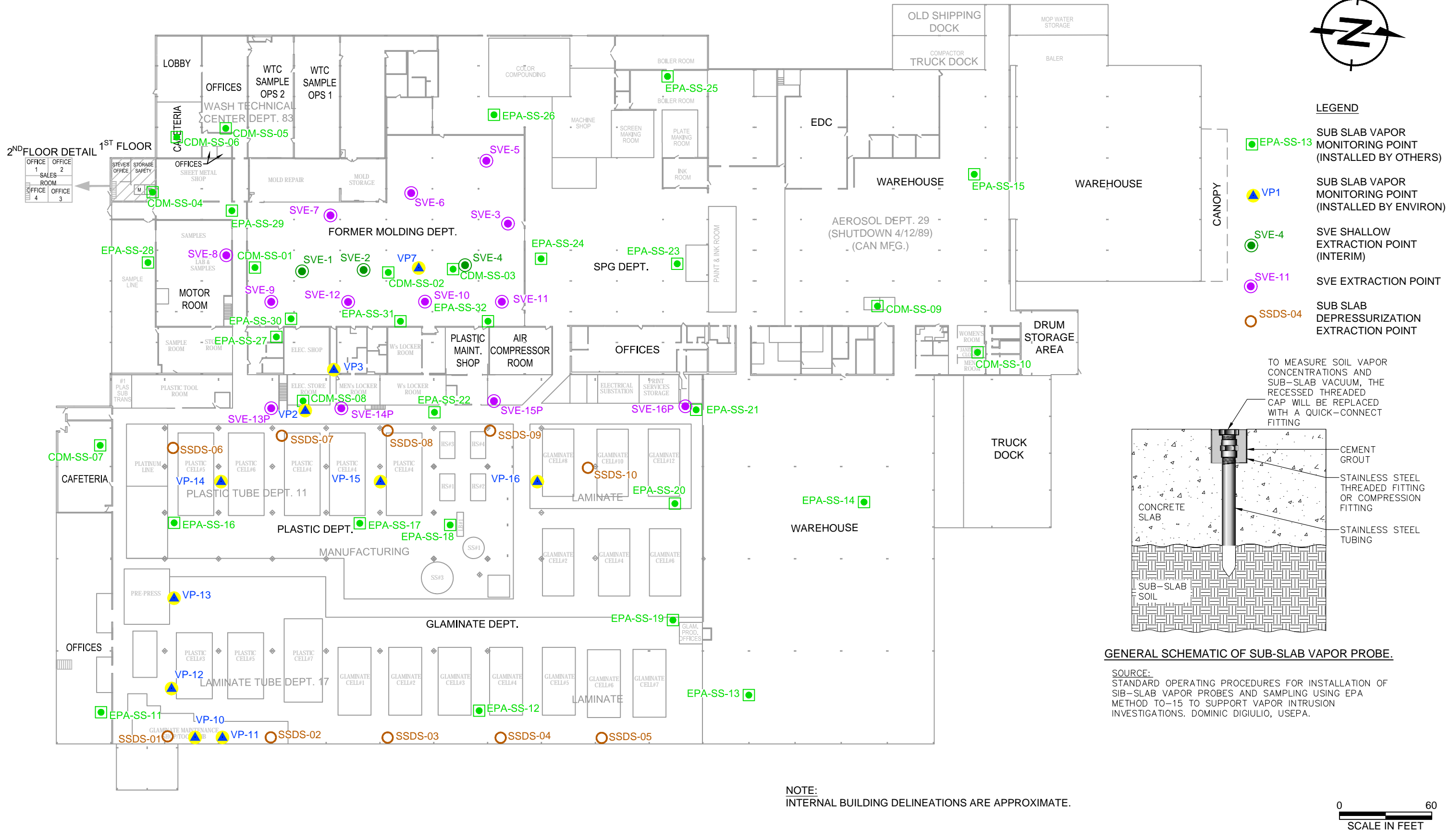
Notes:

- 1 Vapor monitoring point not accessible; no measurement collected.
- 2 Locations SSDS-06 through SSDS-10 (West Wall) are for standby use only and were not operational at the time of measurement.

ATTACHMENT 2

Locations of SVE Wells, SSDS Extraction Wells, and Vapor Monitoring Points

TPENNSI 10/13/15 [SMPL_VAC&PID_0211697_J F:0211697_FINAL VI REPORT



LOCATIONS OF SVE WELLS, SSDS EXTRACTION WELLS, AND VAPOR MONITORING POINTS
VAPOR INTRUSION RESPONSE ACTIVITIES
ALBÉA AMERICAS, WASHINGTON FACILITY
191 RT 31 NORTH, WASHINGTON, WARREN COUNTY, NJ